Knotwood Colours
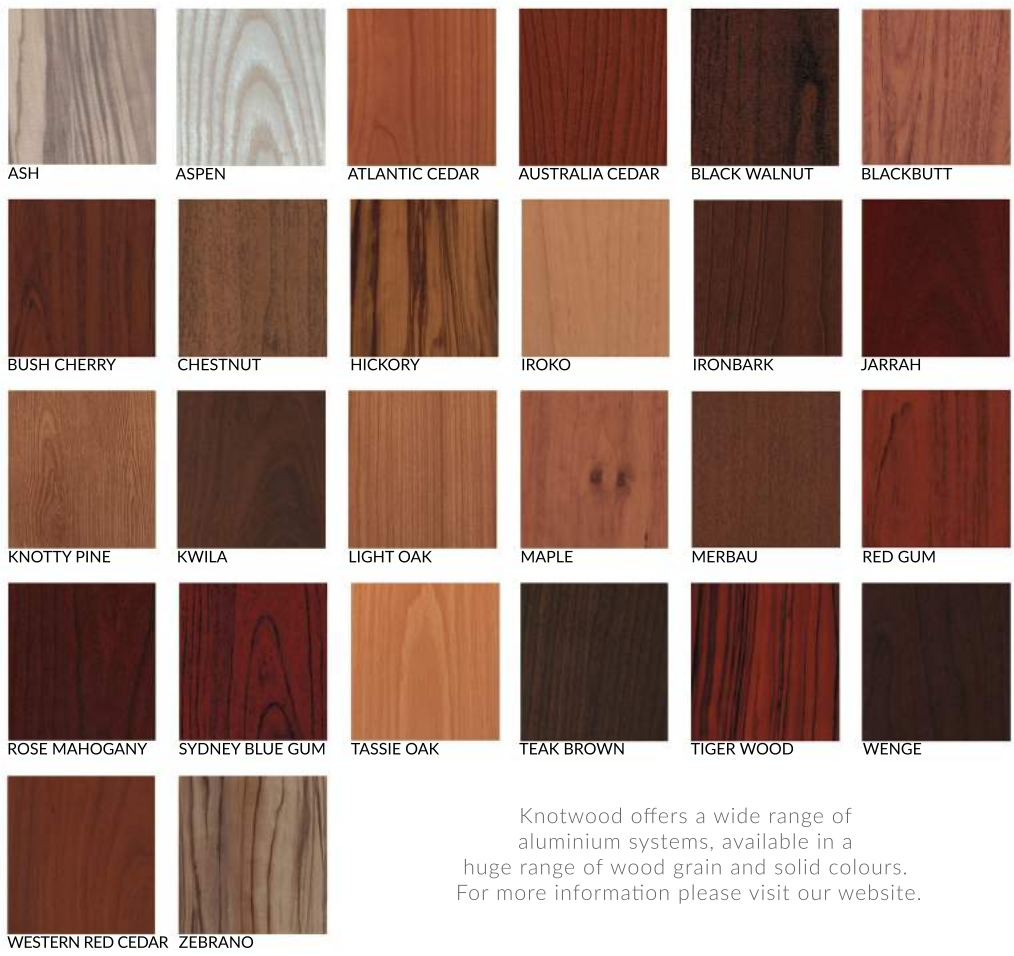
All Knotwood colours have been tested to withstand the most extreme environments providing a durable alternative to timber.

ASH	ASPEN	ATLANTIC CEDAR	AUSTRALIA CEDAR	BLACK WALNUT	BLACKBUTT
BUSH CHERRY	CHESTNUT	HICKORY	IROKO	IRONBARK	JARRAH
KNOTTY PINE	KWILA	LIGHT OAK	MAPLE	MERBAU	RED GUM
ROSE MAHOGANY	SYDNEY BLUE GUM	TASSIE OAK	TEAK BROWN	TIGER WOOD	WENGE
WESTERN RED CEDAR	ZEBRANO				

Knotwood offers a wide range of
aluminium systems, available in a
huge range of wood grain and solid colours.
For more information please visit our website.

Fencing | Gates | Privacy Screens | Decking | Cladding | Battens | Shutters
Balustrades | Soffits and Fascia infills | Urban Furniture
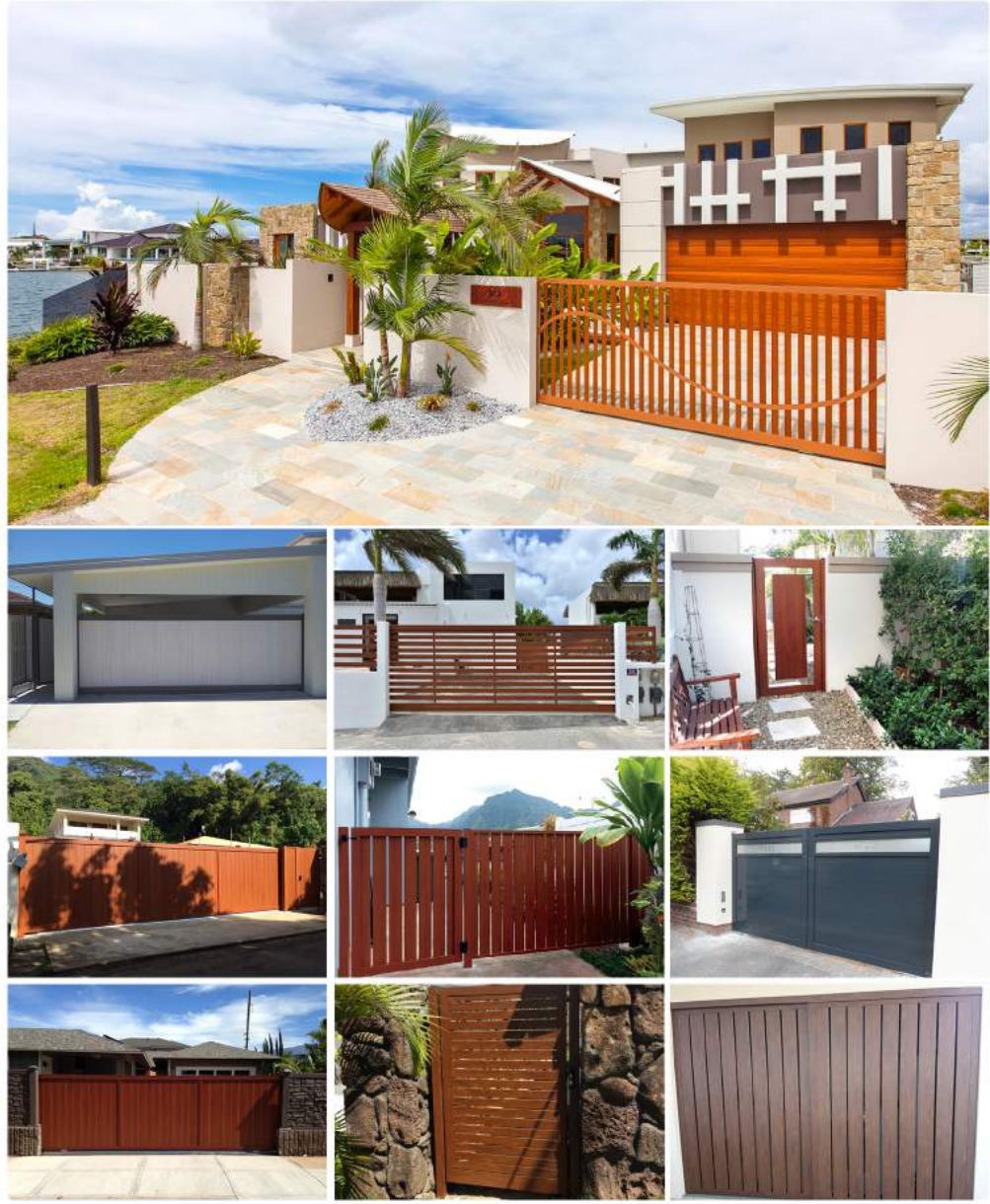
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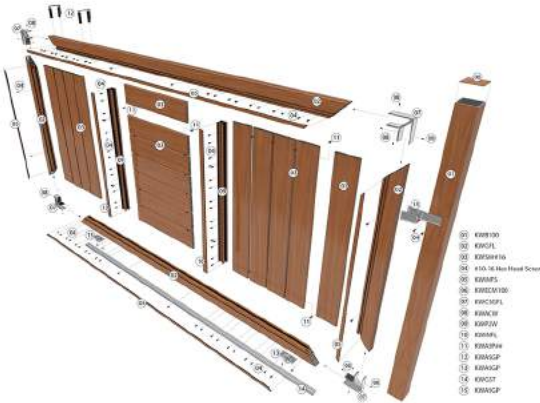
KNOTWOOD
IT'S NOT WOOD - IT'S ALUMINIUM

GATES

Knotwood Gates

Knotwood aluminium gates are so versatile that you can create a small pedestrian gate to an automatic sliding driveway gate. The Knotwood gate frame uses a unique corner stake combined with a cold weld epoxy to create a corner that has 184kg per square cm (2600lbs per square inch) of holding power! Making it stronger than welding. It requires no specialized equipment allowing you to do it yourself! Like all Knotwood systems the gate uses a concealed fastening system which hides unsightly screws and rivets.

Our aluminium gates systems offers the latest styles with the ability to install the aluminium slats vertical, horizontal or diagonal, use any size spacing between fence slats and the ability to install the slats on an angle to create a adjustable louvre style and maximum airflow while maintaining privacy. Knotwood aluminium gates are durable with a tough texture coating, long lasting with a 15 year warranty and low maintenance.

Our unique range of accessories are colour matched to give you a seamless uniform finish.

Benefits

Non-toxic
Non polluting
100% recyclable
Low carbon footprint
No VOC emissions
Low maintenance
Marine grade aluminium
15 Year Warranty
AAMA 2604/2605 Certified

Features

Stronger than welding
Engineered for maximum strength and durability
Will Never Sag
Concealed fastenings systems to hides rivets and screws
Tough Knotwood powder coat finish
Unlimited designs
DIY assembly for easy installation
Colour matched accessories
Matching hardware range

Applications

Pedestrian Gate
Driveway Gate
Single or Double Swing
Barn Door
Pool Gate
Cantilever Gates

What is Knotwood?

Knotwood provides the beauty and natural warmth of wood with the durability and ease of aluminium. Knotwood has created many innovative aluminium systems finished in a durable powder coat. All our aluminium systems are available in wood grain and solid powder coat colours. Our systems have been created for simple installation, minimal maintenance and superior aesthetics. The Knotwood range includes fences, privacy screens, gates, decking, shutters, balustrades, cladding, battens, garage doors and more.

Producing Knotwood

Knotwood aluminium with the look of wood involves a process called sublimation.

Preparation and coating

The raw aluminium surface undergoes a conventional pre-treatment of chemical changes, forming thin layers of amorphous oxide covered with coating.

The next stage of the powder coating process involves the use of electrostatic guns to make an 80-120μ (microns) powder paint layer.

Polymerization happens afterwards by heating the profiles to 220° celsius for 30 minutes. The base coat applied is very durable and scratch resistnat , protecting the aluminium from external factors such as abrasion, corrosion, weather, humidity and UV damage.

Decorating the aluminium

The final stage is decorating the powder coasted aluminium. The Knotwood wood grain film needs to cover the entire aluminium profile, the profile is then set on the conveyor system. we then use a vacuum suction system to remove the air from the film bags.

The conveyor will insert the aluminium profile into an oven to make changes to the ink pigements, which will be converted from a solid to a gas then back to a solid again resulting in a perfect thermo print. Knotwood ships with the film intact for better transport.

Popular Styles